Smart-UPS On-Line

APC Smart-UPS RT 6000VA 208V w/ 208V to 120V Step-Down Transformer

SURT6000XLT-1TF3

More Images

APC Smart-UPS On-Line,4200 Watts /6000 VA,Input 208V /Output 120V, 208V, Interface Port DB-9 RS-232, RJ-45 10/100 Base-T, Smart-Slot, Extended runtime model, Rack Height 6 U

Includes: CD with software, Smart UPS signalling RS-232 cable, User Manual, Web/SNMP Management Card

Standard Lead Time: Usually in Stock

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Product Category

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> **Smart-UPS On-Line**
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Data Center and Facility 3 Phase (15)
Special Applications (5)
UPS Management (7)

Return to Uninterruptible Power Supply (UPS)

Technical Specifications | Product Overview | Documentation | Software & Firmware | Options | Ratings and Reviews

Output

Output Power Capacity	4200 Watts / 6000 VA	
Max Configurable Power	4200 Watts / 6000 VA	
Nominal Output Voltage	120V, 208V	
Output Voltage Note	Configurable for 208 or 240 nominal output voltage	
Efficiency at Full Load	92.0%	
Output Voltage Distortion	Less than 3%	
Output Frequency (sync to mains)	50/60 Hz +/- 3 Hz user adjustable +/- 0.1	
Other Output Voltages	240	
Crest Factor	3 : 1	
Topology	Double Conversion Online	
Waveform Type	Sine wave	
Output Connections	(8) NEMA 5-20R	
	(1) NEMA L14-30R	
	(4) NEMA L6-20R	
	(2) NEMA L6-30R	
Bypass	Internal Bypass (Automatic and Manual)	

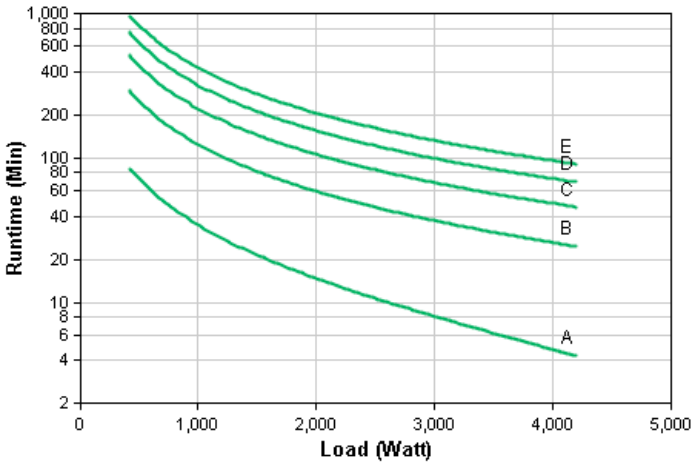
Input

Nominal Input Voltage	208V	
Input Frequency	50/60 Hz +/- 5 Hz (auto sensing)	
Input Connections	NEMA L6-30P	
Cord Length	3.05 meters	
Input voltage range for main operations	160 - 280V	
Input voltage adjustable range for mains operation	100 - 280V	

Batteries & Runtime

Battery Type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof
Included Battery Modules	2
Typical recharge time	2.50 hour(s)
Replacement Battery	RBC44
RBC™ Quantity	1
Extended Run Options	APC Smart-UPS RT 6000VA 208V w/ 208V to 120V Step-Down Transformer
Runtime Graph	

Curve	Part Number(s)
A	SURT6000XLT-1TF3
B	SURT6000XLT-1TF3 + (1)SURT192XLBP
C	SURT6000XLT-1TF3 + (2)SURT192XLBP
D	SURT6000XLT-1TF3 + (3)SURT192XLBP
E	SURT6000XLT-1TF3 + (4)SURT192XLBP



Hover over the line on the graph above to view the runtime at any desired load

Curve fit to measured runtime data. All measurements taken with new, fully charged batteries, at typical environmental conditions, with no electrical input and balanced resistive load (PF = 1.0) output.

View Enlarged Graph View Runtime Chart

Communications & Management

Interface Port(s)	DB-9 RS-232, RJ-45 10/100 Base-T, Smart-Slot
Pre-Installed SmartSlot™ Cards	AP9631
Control panel	LED status display with load and battery bar-graphs and On Line : On Battery : Replace Battery : Overload and Bypass Indicators
Audible Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
Emergency Power Off (EPO)	Yes

Surge Protection and Filtering

Surge energy rating	480 Joules
Filtering	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449

Physical

Maximum Height	432.00 mm
Maximum Width	259.00 mm
Maximum Depth	660.00 mm
Rack Height	6U
Net Weight	111.36 KG
Shipping Weight	127.27 KG
Shipping Height	658.00 mm
Shipping Width	603.00 mm
Shipping Depth	980.00 mm
Color	Black

Environmental

Operating Environment	0 - 40 °C

Operating Relative Humidity	0 - 95%
Operating Elevation	0-3000 meters
Storage Temperature	-15 - 45 °C
Storage Relative Humidity	0 - 95%
Storage Elevation	0-15000 meters
Audible noise at 1 meter from surface of unit	55.00 dBA
Online Thermal Dissipation	1324.00 BTU/hr

Conformance

Regulatory Approvals	CSA, FCC Part 15 Class A, UL 1778
Standard Warranty	2 years repair or replace

Sustainable Offer Status

RoHS	Compliant
REACH	REACH: Contains No SVHCs
Battery Directive	Compliant
Battery Notes	

**The time to recharge to 90% of full battery capacity following a discharge to shutdown using a load rated for 1/2 the full load rating of the UPS.

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